

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 8-83) PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.:
11-2 (200011.002)

09/511972
APPLICATION NO.:
Not Yet Assigned

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)
(Use several sheets if necessary)

APPLICANT:
Skurkovich et al.

FILING DATE:
February 24, 2000

GROUP ART UNIT:
1646

U.S. PATENT DOCUMENTS

EX. INIT	DOCU- MENT	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
PM	PM	4,902,506	February 1990	Anderson			
		5,168,053	December 1992	Altman et al.			
		5,190,931	March 1993	Inouye			
		5,023,243	June 1991	Tullis			
		5,034,506	July 1991	Summerton et al.			

FOREIGN PATENT DOCUMENTS

EX. INIT	DOCU- MENT	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
PM	✓	WO92/07065	April 1992	International			
	✓	WO94/17810	August 1994	International			
	✓	WO94/23744	October 1994	International			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PM	✓	Barbas, 1995, Nature Medicine 1:837-839
PM	✓	Bini et al., 1999, Mayo Clin. Proc. 74:367-370

EXAMINER

Berna Hunt

DATE CONSIDERED

10/9/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PM	✓	Bini et al., 1999, Mayo Clin. Proc. 74:367-370
	✓	Burger et al., 1991, J. Gen. Virol. 72:359-367
	✓	Burton et al., 1994, Adv. Immunol. 57:191-280
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	✓	Chu et al., 1983, Inf. Immun. 40:245-256
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	✓	Hampel and Tritz, 1989, Biochemistry 28:4929-4933
	✓	Hasselhoff and Gerlach, 1988, Nature 334:585
	✓	Huston et al., 1988, Proc. Natl. Acad. Sci. U.S.A. 85:5879-5883
	✓	Kay et al., 1997, Int. Arch. Allergy Immunol. 113:196-199
✓	✓	Lee et al., 1997, J. Exp. Med. 185:2143-2156

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Penna Menti

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INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)
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Skurkovich et al.FILING DATE:
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GROUP ART UNIT: 1645

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

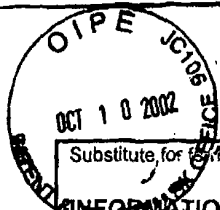
pm	✓	King et al., 1989, Proc. Natl. Acad. Sci. USA 86:10085-10089
	✓	Krasnowska et al., 1992, Arch. Immunol. Ther. Exp. (Warsz) 40:75-78
	✓	Kuhn et al., 1991, Science 254:707-710
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	✓	Marcus-Sakura, 1988, Anal. Biochem. 172:289
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	✓	Reilly et al., 1997, Clin. Pharmacol. 32:313-323
	✓	Romagnani, 1994, Annu. Rev. Immunol. 12:227-257
	✓	Sanderson et al., 1986, Proc. Natl. Acad. Sci. USA 83:437-440
	✓	Seder and Gurunathan, 1999, New. Eng. J. Med. 341:277-278
	✓	Sher and Coffman, 1992, Annu. Rev. Immunol. 10:385-409
	✓	Snapper, 1996, In: Cytokine Regulation of Humoral Immunity, pp. 324-346
	✓	Snapper, ed., John Wiley and Sons, New York; de Vries and Punnonen, <i>Ibid.</i> at pp. 195-215 Tanaka et al., 1996, In: Cytokine Regulation of Humoral Immunity, pp. 251-272, Snapper, ed., John Wiley and Sons, New York
	✓	Thompson-Snipes et al., 1991, J. Exp. Med. 173:507-510
	✓	von der Weid et al., 1994, Eur. J. Immunol. 24:2285-2293
	✓	Weintraub, 1990, Scientific American 262:40
	✓	Wierenga et al., 1990, J. Immunol. 144:4651-4656
	✓	Wolff et al., 1991, Biotechniques 11:474-485
	✓	Wright et al., 1992, Critical Rev. Immunol. 12:125-168
	✓	Yssel et al., 1992, J. Immunol. 148:738-745

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Substitute for Form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/511,972
		Filing Date	February 24, 2000
		First Named Inventor	Boris Skurkovich et al.
		Group Art Unit	1614 1646
		Examiner Name	Not Yet Assigned - <i>Prema Menz</i>
Sheet 1 of 2	Attorney Docket Number	053663-5004 (011-2)	

U.S. PATENT DOCUMENTS			
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document
	Number	Kind Code (if known)	
PM	5,840,869		Mosley et al.
PM	5,858,682		Gruenwald et al.

FOREIGN PATENT DOCUMENTS					
Exr Initials	Foreign Patent Document			Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Country Code	Number	Kind Code (if known)		
PM ✓		95/26365		United Biomedical, Inc.	10-05-1995

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
PM ✓	deVRIES JE, "Novel Fundamental Approaches To Intervening In IgE-Mediated Allergic Diseases," J. Invest. Dermatol. pp. 141-144, 1994, 102(2).		
✓	PIERKES ET AL., "Decreased release of histamine and sulfidoleukotrienes by human peripheral blood leukocytes after wasp venom immunotherapy is partially due to induction of IL-10 and IFN-γ production of T cells," J. Allergy Clin. Immunology 151(1) pp 52-64 (1993).		
✓	IKIZAWA ET AL., "Inhibition of IL-4 receptor up-regulation on B cells by antisense oligodeoxynucleotide suppresses IL-4-induced human IgE production," Clin. Exp. Immunology 1995, 100(3) pp. 383-389.		
✓	RENZ ET AL., "Inhibition Of Allergen-Induced IgE and IgG1 Production By Soluble IL-4 Receptor," Int. Arch. Allergy Immunol. 106(1) pp 46-54 (1995).		
✓	HARUNA ET AL., "The Secondary Antigen-Specific IgE Response in Murine Lymphocytes Is Resistant To Blockade by Anti-IL4 Antibody and an Antisense Oligodeoxynucleotide for IL4 mRNA," Cellular Immunology 151(1) pp. 52-64 (1993).		
✓	CHAN ET AL., "Altered Prostaglandin E ₂ Regulation Of Cytokine Production in Atopic Dermatitis," J. Immunol. 151 pp 3345-3352 (1993).		
✓	RAZ ET AL., "Preferential Induction of a Th ₁ immune response and inhibition of specific IgE antibody formation by plasmid DNA immunization," Proc. Natl. Acad. Sci. Vol. 93, pp. 5141-5145 (1996)		
Examiner Signature	<i>Prema Menz</i>		Date Considered 10/9/03